

SWALLOW.

AN
ALMANACK

for the year of our
LORD GOD

1664.

Being Bissextile or Leap-year:
And from the worlds Creation
5668.

Calculated properly for the Meridian of
the *Universitie* and *Town* of
CAMBRIDGE:

Where the pole is elevated 52 degrees and
17 minutes above the Horizon.

CAMBRIDGE.

Printed by *John Field*, Printer to the
Universitie, 1664.

Swallow 1664.

The Golden Number this year is 12
The Cycle of the Sun 21. The Epact 12

This year is also from the	Creation of the World.	5668
	Floud of Noah	4011
	Coming of the Israelites from Egypt	3154
	Building of York	2651
	Building of Rome	2416
	Burning of the Temple by Nebuchadnezzar	2251
	Building of Cambridge	1964
	Baptisme of Christ	1637
	Death of Christ	1637
	Destruction of Jerusalem by Titus	1594
	Making Cambridge an Universitie	1027
	Conquest of England by Duke William	598
	Powder Treason, Novemb. 5.	59

And note that on the 30 day of January the sixteenth year of our
Soveraign Lord King CHARLES beginneeth. Whom God
grant long to reign. Amen

The Anatomy of Mans body.

♈ Aries,
Head and
Face.
♉ Taurus,
Neck and
Throat.
♊ Cancer,
Breast and
Stomach.
♋ Virgo
Bowels and
Belly.
♌ Scorpio,
Secret
Members.
♍ Capric.
Knees.



♊ Gemini,
Arms and
Shoulders.
♌ Leo,
Heart and
Back.
♎ Libra,
Knees and
Loyns.
♐ Sagittar.
Thighs.
♑ Aquar.
Leggs.
♒ Pisces,
The Feet.

A plain and easie Table shewing the true interest
due upon any summe of money from five
shillings to an hundred pounds for a yeare
or under, after the rate of six
pounds in the hundred.

	1 Mon.			3 Mon.			6 Mon.			9 Mon.			A yeare:		
	lb. p. q.			lb. p. q.			lb. p. q.			lb. p. q.			lb. p. q.		
5	0	0	1	0	0	3	0	1	3	0	2	2	0	3	2
10	0	0	2	0	1	3	0	3	2	0	5	2	0	7	0
15	0	0	3	0	2	2	0	5	1	0	8	0	0	10	2
1	0	1	0	0	3	2	0	7	0	0	10	2	1	2	1
2	0	2	1	0	7	0	1	2	1	1	9	1	2	4	2
3	0	3	2	0	10	2	1	9	1	2	7	3	3	6	3
4	0	4	3	1	2	1	2	4	2	3	6	3	4	9	0
5	0	6	0	1	6	0	3	0	0	4	6	0	6	0	0
6	0	7	0	1	9	2	3	7	0	5	4	2	7	2	1
7	0	8	1	2	1	0	4	2	1	6	3	1	8	4	2
8	0	9	2	2	4	2	4	9	1	7	1	3	9	6	3
9	0	10	3	2	8	1	5	4	2	8	0	3	10	9	0
	ps. lb. p.			ps. lb. p.			ps. lb. p.			ps. lb. p.			ps. lb. p.		
10	0	1	0	0	3	0	0	6	0	0	9	0	0	12	0
20	0	2	0	0	6	0	0	12	0	0	18	0	1	4	0
30	0	3	0	0	9	0	0	18	0	1	7	0	1	16	0
40	0	4	0	0	12	0	1	4	0	1	16	0	2	8	0
50	0	5	0	0	15	0	1	10	0	2	5	0	3	0	0
60	0	6	0	0	18	0	1	16	0	2	14	0	3	12	0
70	0	7	0	1	1	0	2	2	0	3	3	0	4	4	0
80	0	8	0	1	4	0	2	8	0	3	12	0	4	16	0
90	0	9	0	1	7	0	2	14	0	4	1	0	5	8	0
100	0	10	0	1	10	0	3	0	0	4	10	0	6	0	0

Swallow 1664.

A table of the hour and minute of Sun-rising
every second day of the year.

day	January		February		March		April		May		June	
	ho.	m.	ho.	m.	ho.	m.	ho.	m.	ho.	m.	ho.	m.
2	8	4	7	15	6	16	5	14	4	21	3	46
4	8	1	7	10	6	12	5	10	4	17	3	45
6	7	58	7	6	6	8	5	6	4	14	3	44
8	7	56	7	2	6	4	5	2	4	11	3	43
10	7	53	6	58	6	0	4	58	4	7	3	43
12	7	51	6	54	5	56	4	54	4	5	3	43
14	7	48	6	50	5	52	4	50	4	2	3	43
16	7	45	6	46	5	48	4	46	4	0	3	44
18	7	43	6	42	5	44	4	43	3	58	3	45
20	7	40	6	38	5	40	4	39	3	56	3	46
22	7	37	6	34	5	36	4	35	3	54	3	47
24	7	33	6	30	5	32	4	32	3	52	3	48
26	7	29	6	26	5	29	4	29	3	50	3	49
28	7	25	6	22	5	25	4	25	3	48	3	50
30	7	21	0	0	5	21	4	21	3	47	3	52
day	July		August		Septemb.		Octob.		Novem		Decem.	
	ho.	m.	ho.	m.	ho.	m.	ho.	m.	ho.	m.	ho.	m.
2	3	54	4	39	5	39	6	41	7	37	8	15
4	3	56	4	43	5	42	6	45	7	40	8	15
6	3	58	4	46	5	46	6	49	7	44	8	16
8	4	0	4	50	5	50	6	52	7	47	8	17
10	4	3	4	54	5	54	6	56	7	51	8	17
12	4	6	4	58	5	58	7	0	7	54	8	17
14	4	8	5	2	6	2	7	4	7	57	8	17
16	4	11	5	6	6	6	7	8	7	59	8	16
18	4	15	5	10	6	11	7	12	8	1	8	15
20	4	18	5	14	6	15	7	15	8	3	8	15
22	4	21	5	18	6	20	7	19	8	5	8	14
24	4	24	5	21	6	24	7	22	8	7	8	13
26	4	27	5	25	6	28	7	25	8	9	8	10
28	4	30	5	29	6	32	7	29	8	11	8	5
30	4	34	5	32	6	36	7	32	8	13	8	7

January hath xxxi days.

Full moon the 3 day, 38 min. past 3 in the morning.
 Last quarter the 10 day, 10 min. past 3 in the morning.
 New moon the 18 day, 42 min. past 7 in the morning.
 First quarter the 25 day, 47 min. past 10 at night.

1	a	Cir. of Christ	Gem.	27	21	11	☾ perig. Good
2	b	Oct. Stephen	Canc.	13	22	13	weather.
3	c	2 fund. aft. Chr.		28	23	14	Snow-like.
4	d	Telesphorus	Leo	13	24	15	☿ ☽ ☾ Not
5	e	Simeon		27	25	16	very cold.
6	f	Epiphany	Virg.	11	26	17	Snow or Rain.
7	g	Justinus		25	27	19	Frost like.
8	a	Erhardus	Libra	9	20	20	☐ ♃ ☾
9	b	Marcellus		22	29	21	* ♄ ☾
10	c	Sun in Aquar.	Scorp.	4	0	22	* ♃ ☾ Fair
11	d	Pyginnus		16	1	23	and good.
12	e	Satyrus		28	2	24	* ♀ ☾
13	f	Hilary bishop	Sagit.	10	3	25	Expect much
14	g	Felix		22	4	26	wind, with some
15	a	Maurus	Capr.	4	5	27	snow and frost
16	b	Marcellus		16	6	28	about these
17	c	2 after Epiph.		28	7	29	days.
18	d	Prisca	Aquar.	10	8	30	More wind
19	e	Wolstan		22	9	31	* ♀ ☾
20	f	Octab. Hilar.	Pisces	5	10	32	Temperate.
21	g	Agnes		17	11	33	Cold rain or
22	a	Vincent	Aries	0	12	34	snow, with some
23	b	Term begins		13	13	35	frost.
24	c	3 after Epiph.		26	14	36	Stormy wea-
25	d	Conver. Paul	Taur.	9	15	37	ther about
26	e	Polycarp		23	16	38	these days.
27	f	Quind. Hilar.	Gem.	7	17	38	Cold wind.
28	g	Carol. Mag.		22	18	39	clondy, snow-like
29	a	Samuel	Canc.	6	19	40	Clearer, and
30	b	Decol. Car. I.		21	20	41	like to be
31	c	4 after Epiph.	Leo	6	21	41	frosty.

February hath xxix days.

Full moon the first day, 38 min. past 2 after noon.
 Last quarter the 8 day, 34 min. past 9 at night.
 New moon the 17 day, 11 min. past one in the morning.
 First quarter the 24 day, 16 min. past 7 in the morning

1	d	Bridget Fast	Leo	21	22	42	8	♂	☾
2	e	Purif. of Mary	Virg.	5	23	43			Wind.
3	f	Craft. Purif.		20	24	43			
4	g	Veronica	Libra	3	25	44			Snow or rain.
5	a	Agatha virg.		17	26	44			Better weather
6	b	Dorothea	Scorp.	0	27	45			follows.
7	c	Septuagesima		13	28	45	△	♀	☾
8	d	Solomon		25	29	46			Warm.
9	e	Sun in Pisces	Sagit.	7	0	✕	46		
10	f	Scholastica		19	1	47			Wind & storms.
11	g	Euphrosina	Cap.	1	2	47			Cold & Cloudy.
12	a	Tenn ends		12	3	48			Rain or snow.
13	b	Wolfran		24	4	48	*	♀	☾
14	c	Sexagesima	Aquar.	6	5	48			Valentine.
15	d	Faustinus		19	6	48			Not very
16	e	Juilana	Pisces	1	7	48			cold.
17	f	Constant.		14	8	48			Wind and storms
18	g	Concordia		26	9	49			of snow fleet or
19	a	Simone Vith.	Aries	10	10	49			rain.
20	b	Mildred		23	11	49			Frost-like.
21	c	Shrovesunday	Taur.	6	12	49			Temperate.
22	d	Cath. Pet.		20	13	49			Cold abated
23	e	Polycarp	Gem.	4	14	49	△	♀	☾
24	f	Ashwednesday		18	15	49			Milde,
25	g	Marthias Apo.	Canc.	2	16	49			Cool and cloudy.
26	a	Vigornus		16	17	49			Windy weather.
27	b	Augustine	Leo	1	18	48			Scarce fair.
28	c	Quadragesima		15	19	48			Milde and good
29	d	Romanus		29	20	48			weather.

March hath xxxi days.

Full moon the second day, 12 min. past 2 in the morn.
 Last quarter the 9 day, 23 min. past 5 at night.
 New moon the 17 day, 35 min. past 3 after noon.
 First quarter the 24 day, about 2 after noon.
 Full moon the 31 day, 19 min. past 2 after noon.

1	d	David bish.	Virg.	14	21	48	Windy weather
2	e	Ember week		28	12	47	begins the
3	f	Eunigunda	Libra	11	23	47	moneth.
4	g	Adrianus		25	14	47	* h ☾
5	a	Eusebius	Scorp.	8	15	46	☐ ♀ ☾
6	b	Ordination		21	26	46	
7	c	Perpetua	Sagit.	3	27	45	Thund. or hail,
8	d	Cyprianus		15	28	45	windy storms.
9	e	Prudent.		27	29	44	Cool & cloudy.
10	f	Sun in Aries	Capr.	9	0	44	Better wea-
11	g	Conibertus		21	1	43	ther.
12	a	Gregory	Aquar.	2	2	43	* ☉ ☾
13	b	3 sund. in lent		14	3	42	Warm.
14	c	Leo bish.		27	4	41	Rain-like.
15	d	Aristobulus	Pisces	9	5	40	Some winde.
16	e	Cyriacus		22	6	39	Cloudy.
17	f	Gertrude	Aries	5	7	39	☿ ☉ ☾
18	g	Rupert		19	8	38	△ ♂ ☾
19	a	Joseph	Taur.	3	9	37	Missing cool.
20	b	Midlent sun.		17	10	36	△ ♀ ☾
21	c	Benedictus	Gem.	1	11	35	Wind and wet.
22	d	Paulinus		15	12	34	* ♂ ☾
23	e	Nicopolan		27	13	33	More wind.
24	f	Nutrin. Fast	Canc.	13	14	32	Fair and fine
25	g	Annun. Mary		27	15	31	warm weather
26	a	Castulus	Leo	11	16	29	with some wind
27	b	5 sund. in lent		25	17	28	or thunder.
28	c	Gedeon	Virg.	9	18	27	Rain-like.
29	d	Eustach.		23	19	26	Some wind and
30	e	Eudo	Libra	6	20	24	clouds.
31	f	Walbina		20	21	23	Good weather.

April hath xxx days.

Last quarter the 8 day 42 minutes past noon.
 New moon the 16 day, 44 min. past 2 after noon.
 First quarter the 22 day, 11 min. past 8 at night.
 Full moon the 30 day, 13 min. past 3 in the morning.

1	g	Theodoza	Scorp.	3	22	22	* h ☾
2	a	Mary Egypt		16	23	20	* u ☾
3	b	Palm Sunday		29	24	19	Windy storms
4	c	Ambrose bish	Sag.	11	25	17	and hail.
5	d	Julian virg.		23	26	16	Cold, cloudy.
6	e	Sixtus.	Capr.	5	27	14	☐ ♀ ☾
7	f	Egrippus		17	28	13	Thunder-like.
8	g	Good Friday		28	29	11	Warm.
9	a	Sun in Taurus	Aqu.	10	0	9	* ♀ ☾
10	b	Easter day		22	1	8	Hotter wea-
11	c	Leo	Pisces	5	2	6	ther.
12	d	Julius		17	3	4	Fair.
13	e	Iustinus	Aries	0	4	2	Cool & moist.
14	f	Cibartius		14	5	1	Wind and
15	g	Olympia		27	5	59	showers on
16	a	Carisus.	Taur.	12	6	57	several days
17	b	Low Sunday		26	7	55	following.
18	c	Clatherius	Gem.	11	8	53	
19	d	Timothy.		25	9	51	Cloudy.
20	e	Sulpitius	Canc.	10	10	49	Rain.
21	f	Stineon		24	11	47	Wind, shows.
22	g	Gains bish.	Leo	8	12	45	Better and
23	a	George Mart.		22	13	43	fairer.
24	b	2 after Easter	Virg.	5	14	41	Something hot.
25	c	Mark Evang.		19	15	39	Warm wea-
26	d	Cetus D.	Libra	2	16	37	ther.
27	e	Term begins		16	17	34	Fair & windy
28	f	Matthias		29	18	32	if not thunder.
29	g	Peter of Ill	Scor.	12	19	30	Very good
30	a	Eutroptus.		24	20	28	Weather.

May hath xxxi days.

Last quarter the 8 day, 24 min. past 6 in the morn.
 New moon the 15 day, 34 min. past 11 before noon.
 First quarter the 22 day, 49 min. past 2 in the morn.
 Full moon the 29 day, 5 minutes past 5 after noon.

1	B Philip & Jac.	Sag.	7	21	25	17. 19. 27
2	c Athanasius		20	22	23	Windie cool
3	d Invent. Cross	Capr.	1	23	21	stormy wea-
4	e Florianus		13	24	18	ther for many
5	f Gothardus		25	25	16	days toge-
6	g John Port lat.	Aqua.	6	26	14	ther, with
7	a Iubenal		18	27	11	hail.
8	B 4 aft. Easter	Pisces	0	28	9	△ ♀ ♀
9	c Mens. Pasch.		12	29	6	Hot and like
10	d Sun in Gem.		25	0 II	4	to thunder.
11	e Christian	Aries	8	1	1	□ ♄ ☾
12	f Pancratius		22	1	59	Fair and good.
13	g Servatius	Taur.	6	2	56	Rain-like.
14	a Fortunatus		20	3	53	Temperate.
15	B Rogation sund	Gem.	5	4	51	Hotter weath.
16	c Peregrinus		20	5	48	Wind & clouds
17	d Iodocus	Canc.	4	6	46	Very good
18	e Potent.		19	7	43	weather
19	f Ascension day	Leo	4	8	40	Wind and
20	g Bernardine		18	9	38	thunder.
21	a Prudentius	Virg.		10	35	Hot weather.
22	B 6 aft. Easter		16	11	32	Fair and good
23	c Term ends		29	12	29	for many days
24	d Elther	Libr.	12	13	27	together.
25	e Urbanus		25	14	24	* ♂ ♀
26	f Quadratus	Scorp.	8	15	21	△ ♀ ☾
27	g Beda		21	16	18	Some change
28	a wilhelms	Sag.	3	17	15	the 27 th day.
29	B Whitsunday		15	18	13	K. Charles his
30	c Felix Pope.		18	19	10	happy return.
31	d Petronella	Capr.	9	20	7	Cool & cloudy

June hath xxx days.

Last quarter the 6 day, 7 minutes past nine at night.
 New moon the 13 day, 54 minutes past six at night.
 First quarter the 20 day, 47 min. past 10 before noon.
 Full moon the 28 day, 3 min. past 8 in the morning.

1	e	Pichomede	Capr. 21	21	4	Windy.
2	f	Marcelline	Aqua. 3	22	1	weather.
3	g	Crasmas	15	22	58	
4	a	Nutrinus	27	23	55	Wet.
5	b	Trinity Sund	Pisces 9	24	53	Thund. hail.
6	c	Artemius	21	25	50	Cloudy cool.
7	d	Robert Ab.	Aries 3	26	47	* ♀ ☾
8	e	Medard	16	27	44	Windy.
9	f	Corpus Chr.	Taur. 0	28	41	* ○ ☾
10	g	Term begins	14	29	38	Hot and dry
11	a	Barnabas Ap.	28	0	35	weather for
12	b	1 after Trin.	Gem. 13	1	32	many days.
13	c	Octab. Trin.	28	2	29	8 h ☾ Cloudy
14	d	Valerius	Canc. 13	3	26	Fair & good.
15	e	Vitus	28	4	23	Some wind.
16	f	Rowland	Leo 13	5	21	Hot weather.
17	g	Botolph	28	6	18	△ h ☾
18	a	Marcell. m.	Virg. 12	7	15	Thund. or heat
19	b	2 after Trin.	26	8	12	□ h ☾
20	c	Quind. Trin.	Libra 9	9	9	Thund. & rain
21	d	Sibane.	22	10	6	with wind.
22	e	Sebastius	Scorp. 5.	11	3	△ ○ ☾ Fair.
23	f	Basil. Fast.	18	12	0	Cool & moist.
24	g	John Baptist	Sagit. 0	12	57	Wind or Thun
25	a	Eligius	12	13	54	Fair & good.
26	b	2 after Trin.	24	14	51	Hot weather.
27	c	Tres Trin.	Cap. 6	15	48	Thun. or heat.
28	d	Leopap. Fast	18	16	45	△ ♂ ☾
29	e	Peter Apost.	Aquar. 0	17	42	8 ♀ ☾
30	f	Term ends 29	12	18	40	Dry wind.

July hath xxxi days.

Last quarter the 6 day, 57 minutes past 8 in the morning.
 New moon the 13 day, 51 minutes past one in the morn.
 First quarter the 19 day, 9 min. past nine at night.
 Full moon the 27 day, 39 minutes past 11 at night.

1	g	Theobald	Aqu.	24	19	37	* h C
2	a	Visitar Mary	Pisces	6	20	34	Fair and good
3	B	4 after Trin.		18	21	31	weather.
4	c	Wircus	Aries	0	22	28	Verie windie
5	d	Anielme		13	23	25	weather.
6	e	Hector		25	24	22	☐ ♀ C
7	f	Becket	Taur.	9	25	20	Good pleasant
8	g	Chiltanns		22	26	17	weather.
9	a	Cytil	Gem.	7	27	14	△ ♂ C
10	B	5 after Trin.		21	28	11	Cloudy.
11	c	Plus	Canc.	6	29	8	Fair day.
12	d	Sun in Leo		21	0	6	Windie and
13	e	Snaclete	Leo	7	1	3	stormie wea-
14	f	Bonavent.		22	2	0	ther.
15	g	Divis. Apost.	Virgo	6	2	57	Temperate.
16	a	Osmond		21	3	55	☐ h C
17	B	6 after Trin.	Libra	5	4	52	Like to be some
18	c	Rosina		19	5	49	thunder.
19	d	Dog days beg	Scorp	2	6	47	☐ ☉ C
20	e	Margaret		15	7	44	Good weather.
21	f	Arbogast		27	8	49	Rain or thunder.
22	g	M. Magdal.	Sagit.	9	9	36	△ ☉ C
23	a	Spolton. fast		21	10	34	Heat or thund.
24	B	7 after Trin	Capr.	3	11	31	Fair and hot.
25	c	James Apost.		15	12	31	Some wind.
26	d	Anna		27	13	28	Rain-like.
27	e	Martha	Aquar.	9	14	26	Fair and good
28	f	Danthaleon		21	15	24	to the moneths
29	g	Beatrix	Pisces	3	16	21	end.
30	a	Edmon		15	17	19	☐ h C
31	B	8 after Trin.		27	18	16	△ ♀ C

August hath xxxi days.

Last quarter the fourth day, past six after noon.
 New moon the 11 day, 25 min. past 9 in the morn.
 First quarter the 18 day, 34 min. past 10 before noon
 Full moon the 26 day, 8 min. past three after noon.

1	c	Lammas day	Aries	9	19	14	Very fine har-
2	d	Stephanus		22	20	11	vest wea-
3	e	Dominicus	Taur.	5	21	9	ther.
4	f	Priskarchus		18	22	7	☐ ♀ ☾
5	g	Oswald	Gem.	2	23	4	△ ○ ♄
6	a	Sixtus		16	24	2	Cloudy and
7	b	9 after Trin.	Canc.	0	25	0	moist.
8	c	Syziacus		15	25	58	Hot weather.
9	d	Romanus	Leo	0	26	55	Cooler, and
10	e	Lawrence		15	27	53	not very good
11	f	Elbertus	Virg.	0	28	51	till Sunday.
12	g	Clare		15	29	49	Windy storms
13	a	Sun in Virgo		29	0	47	the 12 or 13.
14	b	10 after Trin.	Libra	13	1	45	☐ ♄ ☾
15	c	Assump. Mary.		27	2	43	Thund. or hear.
16	d	Boch	Scorp.	11	3	41	* ♄ ☾
17	e	Hammes		23	4	39	♂ ○ ♀ Windy
18	f	Helena	Sagit.	6	5	37	if not worse
19	g	Sebaldus		18	6	35	for harvest
20	a	Bernhardus	Capr.	0	7	33	these days.
21	b	11 after Trin.		12	8	31	Hot fair wea-
22	c	Syziacus		24	9	30	ther till the
23	d	Sacheus fast	Aquar.	5	10	28	26 day.
24	e	Barthol. Apost.		17	11	26	* ♄ ☾
25	f	Ludobicus		29	12	24	Wind blows
26	g	Ireneus	Pisc.	11	13	23	up rain these
27	a	Dog days end		24	14	21	days.
28	b	12 after Trin.	Aries	6	15	19	Fair & good
29	c	Decol. J. B.		19	16	18	to the end of
30	d	Felix presb.	Taur.	2	17	16	the moneth.
31	e	Danilinus		15	18	15	Cool & moist.

September hath xxx days.

Last quarter the third day, 45 min. past one in the morn.
 New moon the 9 day, 25 minutes past six at night.
 First quarter the 17 day, 47 min. past 3 in the morning.
 Full moon the 25 day, 49 minutes past 5 in the morning.

1	f	Stiles	Taur.	29	19	13	Fair and
2	g	Veronica	Gem.	12	20	12	windy.
3	a	Scraptia		26	21	10	Very cold rain
4	B	13 after Trin.	Canc	10	22	9	and cloudy bad
5	c	Zacharias		25	23	8	weather.
6	d	Magnus	Leo	9	24	6	Warmer, and
7	e	Regina		24	25	5	much better.
8	f	Nativ. of Mary	Virg.	8	26	4	* ♂ ☾
9	g	Gorgontius		23	27	3	Rain-like.
10	a	Hilarius	Libra	7	28	1	Fair and
11	B	14 after Trin.		22	29	0	windie.
12	c	Gudon	Scorp.	5	29	59	Temperate
13	d	Sun in Libra		19	0	58	good weather.
14	e	Holy Rood	Sag.	2	1	57	* ♀ ☾
15	f	Nichodemus		14	2	56	Some wind.
16	g	Euphemia		26	3	55	Cloudie and
17	a	Lampert	Cap.	8	4	54	cool.
18	B	15 after Trin.		20	5	53	Some little
19	c	Januarius	Aquar.	2	6	52	wind.
20	d	Emb. week		14	7	51	Indifferent good
21	e	Matthew Ap.		25	8	50	& warm, but
22	f	Mauritius	Pisces	8	9	50	windy. Cooler,
23	g	Edras		20	10	49	Very good
24	a	Samuel	Aries	2	11	49	weather on
25	B	Ordination		15	12	48	these days.
26	c	Cyprian		29	13	47	SS h ♂.
27	d	Col. & Dam.	Taur.	12	14	47	Some wind.
28	e	Wenceslaus		26	15	46	Wind and wet.
29	f	Michael Arch.	Gem.	9	16	46	better.
30	g	Hierome		23	17	45	Cool & cloudy.

October hath xxxi days.

Last quarter the 2 day, 55 min. past 8 in the morning.
 New moon the 9 day, 31 min. past 5 in the morn.
 First quarter the 16 day, 58 min. past 11 at night.
 Full moon the 24 day, 25 minutes past 7 at night.
 Last quarter the 31 day, 25 min. past 4 afternoon.

1	a	Remigius	Canc	7	18	45	Fair and good
2	b	17 after Trin.		21	19	45	weather.
3	c	Martinian	Leo	5	20	45	☐ ♀ ☾
4	d	Francis		19	21	44	☐ ♀ ☾
5	e	Galla widow	Virg.	3	22	44	Temperate.
6	f	Faith virg.		18	23	44	Cloudy.
7	g	Marcellus	Libra	2	24	44	Fair and
8	a	Delagla		16	25	43	good,
9	b	18 after Trin.	Scorp.	0	26	43	♂ ☾ ☾
10	c	Gedeon		13	27	43	Scarce fair.
11	d	Burchard		27	28	43	Very good for
12	e	Wilsford	Sag.	9	29	43	the most part
13	f	Sun in Scorp.		12	0 m	43	till the 19
14	g	Calixtus	Capr.	4	1	43	day.
15	a	Hedewig		16	2	43	* ♀ ☾
16	b	19 after Trin.		28	3	43	☾ ☿ ☾
17	c	Florentius	Aqua.	10	4	43	* ♂ ☾
18	d	Luke Evang.		21	5	44	* ♀ ☾
19	e	Ptolome	Pisc.	3	6	44	Wind and
20	f	Tres Mich.		15	7	44	wet
21	g	Brigida		28	8	44	Cool morning.
22	a	Cordula	Aries	11	9	45	Fair and
23	b	20 after Trin.		24	10	45	good
24	c	Term begins	Taur.	7	11	45	Very great
25	d	Crispinus		21	12	46	winds and
26	e	Amandus	Gem.	5	13	46	some storms.
27	f	Mens. Mic. fast		19	14	47	Warm for the
28	g	Simon & Jude	Canc.	4	15	47	the time.
29	a	Marcellus		18	16	48	Cloudy.
30	b	21 after Trin.	Leo	2	17	48	△ ♀ ☾
31	c	Quint. fast		16	18	49	☾ perig.

November hath xxx days.

New moon the seventh day, 17 min. past seven at night.

First quarter the 15 day, 16 minutes past 9 at night.

Full moon the 23 day, 58 minutes past 7 in the morning.

Last quarter the last day, 8 minutes past one morning.

1	d	All Saines	Virg.	0	19	49	Wind and wet.
2	e	All Souls		14	20	50	More milde.
3	f	Craft. anim.		28	21	51	
4	g	Moderstine	Libra	11	22	51	Fair and good.
5	a	Powder treas.		25	23	52	* ♂ ☾
6	b	22 after Trin.	Scorp.	9	24	53	Rain-like.
7	c	Florentius		22	25	54	Cool cloudy
8	d	Claudian	Sagit.	5	26	54	weather.
9	e	Theobozus		17	27	55	Snow. or
10	f	Crastus	Cap.	0	28	56	rain.
11	g	Margin bish.		12	29	57	More milde,
12	a	Sun in Sagitt.		24	0	58	Some hail.
13	b	23 after Trin.	Aquar	6	1	59	☾ apog.
14	c	Frederick		18	3	0	Some wind.
15	d	Leopold		29	4	1	* ♀ ☾
16	e	Edmond dep	Pisc.	11	5	2	Milde.
17	f	Intanus		23	6	2	Wind and wet.
18	g	Octab. Mart.	Aries	6	7	3	△ ☉ ☾
19	a	Elizabetha		19	8	5	Cold rain or
20	b	24 after Trin.	Taur.	2	9	6	snow.
21	c	Obl. Mar.		15	10	7	Some wind.
22	d	Cecilia	Gem.	0	11	8	8 ♀ ☾
23	e	Clemens		14	12	9	Clouds breed-
24	f	Chrysogon		28	13	10	ing cold rain
25	g	Quind. Mart.	Ganc.	13	14	11	or snow.
26	a	Conradus		28	15	12	△ ♀ ☾
27	b	Advent sund.	Leo	12	16	13	Stormy and
28	c	Term ends		27	17	15	windy.
29	d	Saturn. fast	Virg.	11	18	16	△ ♂ ☾
30	e	Andrew Ap.		25	19	17	Fair and good.

December hath xxxi days.

New moon the 7 day, much about noon.
 First quarter the 15 day, 24 min. past five at night.
 Full moon the 22 day, 35 min. past seven at night.
 Last quarter the 29 day, 31 min. past 11 before noon.

1	f	Eligius	Libra	8	20	18	Fair and freez-
2	g	Candida		22	21	19	ing.
3	a	Cassian	Scorp.	5	22	21	Very good
4	B	2 sund. in Adv		18	23	22	weather.
5	c	Sabine	Sagit.	1	24	23	Milde enough,
6	d	Nicholans		13	25	24	Wind.
7	e	Embrose bish.		26	26	25	Snow-like.
8	f	Concep. Mary	Capr.	8	27	27	Cold.
9	g	Joschim		20	28	28	Freezing aire,
10	a	Miltiades	Aquar.	2	29	29	with much
11	B	3 sun. in Adv		14	0	31	snw the 11,
12	c	Eptimachus		26	1	32	11, & 16 days
13	d	Lacie virg.	Pisces	8	2	33	* ○ ☾
14	e	Ember week		19	3	35	* ♃ ☾
15	f	Abraham	Aries	2	4	36	□ ♄ ☾ cold.
16	g	O Sapientia		14	5	37	Hail-storms, &
17	a	Lazarus		27	6	39	windy wet.
18	B	Ordination	Taur.	10	7	40	A little warm.
19	c	Pemellus		24	8	41	Cold rain or
20	d	Jenon fast	Gem.	8	9	42	snw.
21	e	Thomas Ap.		22	10	44	More milde.
22	f	Theodosius	Canc.	9	11	45	Cloudy moist.
23	g	Victor		22	12	46	Clears up.
24	a	Idam fast	Leo	7	13	48	Fair and good
25	B	Christmas day		22	14	49	weather.
26	c	S. Stephen.	Virgo	7	15	50	△ ♄ ☾
27	d	S. John Evan.		21	16	51	Temperate.
28	e	Innocents.	Libr.	5	17	53	Cool cloudy.
29	f	Ch. Becket		19	18	54	Some wind
30	g	David	Scorp.	2	19	55	Pretty warm.
31	a	Stilvester	1	15	20	56	Rain-like.

SWALLOW.

The latter part of this
ALMANACK
for the yeare of our
LORD GOD
1664.

Being Bissextile, or Leap-year, and
from the Conquest of *England*
by Duke *William* of *Nor-*
mandy 598.

Wherein we have the nature of the
seven Planets and twelve
Signes :

With divers other things and notes well
worthy of observation, and not
unfit for such a work.

CAMBRIDGE.

Swallow 1664.

A most ready and plain Table to find
Easter day for ever, by the Golden
Number, and Sunday letter.

G N	A	B	C	D	E	F	G
i	Apr. 9	apr. 10	apr. 11	apr. 12	apr. 6	apr. 17	apr. 8
ii	Mar. 26	mar. 27	mar. 28	mar. 29	mar. 30	mar. 31	apr. 1
iii	Apr. 16	apr. 17	apr. 18	apr. 19	apr. 20	apr. 14	apr. 15
iiii	Apr. 9	apr. 3	apr. 4	apr. 5	apr. 6	apr. 7	apr. 8
v	Mar. 26	mar. 27	mar. 28	mar. 29	mar. 23	mar. 24	mar. 25
vi	Apr. 16	apr. 17	apr. 11	apr. 12	apr. 13	apr. 14	apr. 15
vii	Apr. 2	apr. 3	apr. 4	apr. 5	apr. 6	mar. 31	apr. 1
viii	Apr. 23	apr. 24	apr. 25	apr. 19	apr. 20	apr. 21	apr. 22
ix	Apr. 9	apr. 10	apr. 11	apr. 12	apr. 13	apr. 14	apr. 8
x	Apr. 2	apr. 3	mar. 28	mar. 29	mar. 30	mar. 31	apr. 1
xi	Apr. 16	apr. 17	apr. 18	apr. 19	apr. 20	apr. 21	apr. 22
xii	Apr. 9	apr. 10	apr. 11	apr. 5	apr. 6	apr. 7	apr. 8
xiii	Mar. 26	mar. 27	mar. 28	mar. 29	mar. 30	mar. 31	mar. 25
xiiii	Apr. 16	apr. 17	apr. 18	apr. 19	apr. 13	apr. 14	apr. 15
xv	Apr. 2	apr. 3	apr. 4	apr. 5	apr. 6	apr. 7	apr. 8
xvi	Mar. 26	mar. 27	mar. 28	mar. 22	mar. 23	mar. 24	mar. 25
xvii	Apr. 16	apr. 10	apr. 11	apr. 12	apr. 13	apr. 14	apr. 15
xviii	Apr. 2	apr. 3	apr. 4	apr. 5	mar. 30	mar. 31	apr. 1
xix	Apr. 23	apr. 24	apr. 18	apr. 19	apr. 20	apr. 21	apr. 22

And take this for a general rule ;

The same day 7 weeks { before } Easter, is { Shrovesunday.
after } Whituesday.

A fortnight before { Shrovesunday } is { Septuagesima.
Whituesday } Rogation-sunday.

And the Sunday after { Shrovesunday } is { Quadragesima.
Whituesday } Trinitie Sunday.

Also, whensoever the Golden Number is 3, 6, 9, 12, 15,
or 18, then the Epact is the same. But

The Gol. Num. 1 | 2 | 4 | 5 | 7 | 8 | 10 | 11 | 13 | 14 | 16 | 17 | 19

The Epact is 11 | 12 | 14 | 15 | 17 | 18 | 10 | 1 | 23 | 4 | 26 | 7 | 29

A

Swallow 1664.

A note concerning the falling of *Easter*:

Note, that when the *Golden number* is either 5, 8, or 16, and the *Dominical letter* G, that then *Easter day* falleth on *March 25*, or our *Lady day*. Note likewise that when the *Golden number* is 8, and the *Dominical letter* C, that then *Easter day* falleth on the 25 of *April*, or *Saint Marks day*.

Note likewise that *Easter* falleth between the 1 of *March*, and the 26 of *April*: but these two dayes are to be excluded; it never falleth on them, but between them.

The nature of the 12 Signes, and 7 Planets.

Aries, Leo and Sagittar. are hot and dry signs.
Taurus, Virgo, and Capricorn, are cold & dry.
Cancer, Scorpio, and Pisces, are wet and cold.
Gemini, Libra, and Aquarius, are windy signs.

Northern signes are,

Aries, Taurus, Gemini, Cancer, Leo, Virgo.

Southern signes are these,

Libra, Scorpio, Sagittar. Capricorn. Aquar. Pisces.

Saturn is cold and dry, intemperate.

Jupiter is hot and moist, temperate.

Mars is hot and drie, intemperate.

The *Sun* is hot and drie temperate.

Venus is cold and moist, temperate.

Mercury is variable, according to the nature of that planet with which he is joyned or aspected.

Luna the Moon is cold and moist, intemperate.

Swallow 1684!

How the Sun cometh to be eclipsed.

AN eclipse of the Sun is nothing else, but the Interposition of the body of the Moon between the Sun and the Earth, or between the Sun and our sight.

How the Moon cometh to be eclipsed.

THE Sun never goeth from under the ecliptick line, but the Moon hath five degrees of latitude on either side of the ecliptick: at such full Moons then as the Moon shall be little or nothing in latitude, and under the ecliptick line, opposite to the Sun diametrally, then shall she be eclipsed, because then there will be an interposition of the Earths dark and grosse body between them, which will shadow the Suns light from the Moon, being of her self but of a dusky shining, without the Suns reflection on her.

Of the Eclipses this year.

THERE will be four Eclipses this year; two of the Sun and two of the Moon: But of these four, we in *England* shall onely see the one of them: which is a very great Eclipse of the Moon. It will be visible to us at *Cambridge* upon Wednesday the 27 day of July, beginning there at 24 min. past 9 a clock at night; and by 38 min. past ten will be totally darkened. The middle of this Eclipse is at 25 min. past 11. the end of total darkness at 13 min. past 12: But no full recovery of light till 26 min. past one: that the whole time (from first to last) is 4 hour. & 2 min.

Of measures Geometricall.

THree barley corns in length make an inch, if they be taken out of the middle of the eare, and laid one at the end of another. But note, that this is not to be understood as if all barley corns of equall drinesse, and taken out of the middle of divers eares, were of equall length; for we see they both differ in regard of the soil, some bringing forth longer, some shorter corn. The meaning therefore is, that at the first institution of our measure, it was taken from a barley corn, but now it is rather to be taken from that Standerd which hath been continued, then to seek to make a new one.

In a foot of board or glass is contained 144 square inches.

In a foot of timber be a great many more: for in a foot of timber be 1728 cubicall square inches: But of square quarters of inches 110592.

And note that the compass of the earth is 21600 miles.

But the thicknesse of the earth is no more then 6873 miles.

And as for the true measuring of board or glass, see the following table. It is plain and easie, and good husbandry to regard and use it.

Breadth of the board, or glafs. How much in length for a foot.

Swallow 1664.

The use of this Table.

Inches.	inches	parts.
1	144	0
2	72	0
3	48	0
4	36	0
4 & half.	32	0
5	28	9
5 & half.	26	2
6	24	0
6 & half.	22	2
7	20	7
7 & half.	19	2
8	18	0
8 & half.	17	0
9	16	0
9 & half.	15	2
10	14	5
10 & half.	13	8
11	13	1
11 & half.	12	6
12	12	0
12 & half.	11	6
13	11	1
14	10	3
15	9	7
16	9	0
17	8	5
18	8	0
19	7	7
20	7	2
21	6	10
22	6	6
23	6	3
24	6	0

Find the breadth of the board or glafs on the side of the Table, under that title, and against the same you have the inches & parts of inches, that must be had in length for a foot.

Example.

Against five inches is 28 inches and nine parts of an inch : and note, that twelve of them parts are an inch; that is, 28 inches and three quarters in length make a foot, when the breadth is five inches.

Also, when the breadth is five inches and an half, then 26 inches and two parts are a foot. If six and an half in breadth, then 22 inches and two parts in length make a foot. But if six, then 24. And so the like of the rest.

of

Swallow 1664.

Of a Year.

IN all matters Legal, the year begins not with
us untill the 25 day of *March*, so that the
year which doth begin on the first of *January*
is the Julian year, instituted by *Julius*
Cesar. It hath in it 365 dayes and a quarter,
8766 houres, 525960 minutes.

Of a Day.

A day, in all Legal or Law matters, is ac-
counted but from Sun to Sun: so that one, who
hath a sum of money to pay on a set day by
bond, need not tender his money before or af-
ter Sun. This kind of day is that which we call
an artificial day; but a day natural is to be ac-
counted from midnight to midnight, and so
do they reckon the day for indictments of mur-
ther.

Of Matthias in the leap-year.

In every Leap-year, the 24 and 25 dayes of
February, in suits at Law, are to be accounted
both as one. But for keeping of Fairs, those
which use to be on the 24 must be kept on
the 25, because *Matthias* is not untill the 25
when it is Leap-year.

Swallow 1664.

Of the Prime.

The Moon is said to be primed when she is three dayes and eighteen hours old, being then in her half quarter and four parts of the compasse eastwards from the Sun.

*Of the four Cardinal winds, together
with their effects, in breeding or
bringing Sicknesse.*

THe East wind called *Subsolannus*, breedeth in cholerick bodies sharp feavers, raging madnesse, and perilous Apostumations: in winter it is ever cold, it bloweth seldome in the night, and this one thing is proper to it, if that it do chance to bring rain, it continueth a whole day together.

The South-wind called *Auster*, is of nature hot and moist: it breedeth corrupt humours, and in hot bodies cramps, giddinesse in the head, or the falling sicknesse, pestilence, and cruel Feavers.

The West-wind called *Favonius*, is of nature cold and moist; it breedeth phlegme in moist bodies, it procureth sleep, breedeth Apoplexies, and the like. In the spring it greatly refresheth all things, brings abroad the bloud, and the sound humours, which lay hid in winter, much refreshing the mind. Howbeit near
the

the end of Autumn, when winter beginneth to approach, it then grows churlish both on sea and land.

The North-wind called *Septentrio*, is of nature cold, and it is good against the Pestilence, and yet in cold bodies it breedeth pluries, coughs, gouts, and in some squinances; yet of all winds it is held to be the wholesomest, although it be the sharpest in our winter moneths.

Note that what is spoken thus of their effects, is meant of their long standing in the said quarters.

Know also that a continual still Summer, is a signe of Plague or Earth-quake.

*Of Blood letting, and some other
Physicall Observations.*

IN youth, let blood from the change to the first quarter.

In middle age, from the first quart. to the full.

In elder years, from the full to the last quarter.

And in old age, from the last quarter to the change.

But know that under the age of 14, and above 56, it is not good to bleed at all.

Again in the *Canicular*, or *Dog-daies*, it is very hurtfull, to take any physick, unlesse there be

be great need : and indeed necessity hath no law ; wherefore in such a case, the disease being desperate, the cure must be adventured.

Take a purgation when the Moon is in *Trin* or *Sextile* aspect with *Venus*, decreasing in any of these three signes, *Cancer*, *Scorpio*, or *Pisces* and it will be sure to work the better, because when a moist planet in a moist signe hath such an aspect, the humours in the body are then stirred up and down, and so the better purged out. Wherefore in this case it cannot be amiss to prepare humours by something or other which is laxative: and let this be while the Moon is either in *Gemini*, *Libra*, or *Aquarius*.

Take a vomit that it may work thoroughly, when the Moon is in *Aries*, *Taurus*, or *Capricorn*. And know that the aspects of the Moon in *Saturn* or *Mars*, or the Moon in *Leo*, ought to be eschewed, in the taking of medicines. Finally, if necessity urge no haste, these observations are expedient : for it is a plain truth, That the change of weather upon differing aspects, doth greatly change and alter our bodies.

Things good for the Eyes.

ALl green colours, cold water, fennel, the water of white roses distilled, celendine, eye-bright, vervine, agrimony, cloves ; and for hot eyes the juice of Hous-leek, softly boiled in the shell of a new-laid egg; till it be clean scummed, is very good.

Things

Things ill for the Eyes.

TO look much at red colours, or at fire; to read soon after supper, to eat garlick, onions, radish-roots, salt-meats, coleworts, and pulse; as also to drink wine that is both thick and sweet; smoke likewise and dust be very bad, and to anoint the eyes with Bats-bloud, will clean put them out: according to the old Proverb; *The bloud of a Bat will make a man see as well by night, as by day*: which may well be in him that cannot see at all.

Things good for the Brain.

TO smell to camomil, musk, or red-roses, to wash the temples often with rose-water, to eat sage measurably, to drink wine not overmuch, to keep the body warm, to wash the hands often, to walk and sleep measurably, to eat mustard and pepper, and not to be troubled with too much noise.

Things ill for the Brain.

LAte suppers, much sleep after meat, anger, to smell to a white rose, garlick, onions, much milk and cheese, to stand long against your use bare-headed, to eat hastily and overmuch, to eat too liberally on any kinde of brains much sweat in labour or travel, and a besotted practise, or daily course of drinking.

Other

Swallow 1664.

Other notes fit to be known.

NOre that sixty minutes make an hour. Forty five minutes make three quarters of an hour. Thirty minutes make half an hour, Fifteen minutes make a quarter of an hour. Twelve inches make a foot. Three feet, or 36 inches make a yard. Three feet nine inches, or 45 inches make an ell. Sixteen feet six inches make one pole or rod to measure land withall. Forty poles make one Furlong. Eight Furlongs make one mile. Five foot make a pace: 1000 such paces make an *Italian* mile, which is shorter by 280 foot then the *English* mile.

*Observations for Husbandmen,
and others.*

IN *January* take away superfluous branches from fruit-trees, and prepare your ground for gardens, uncover tree-roots, cut your vines in some of the twelve dayes.

Set quick-sets, rose, and sallets in the moneth of *Februarie*. And now cover up the roots of your trees with good earth, which you opened in the beginning of *January*.

In *March* you may graft; but in planting and grafting chuse a warm time; wherefore let not the wind be in the *East* or *North*, because such winds are commonly nipping, especially being helped by any aspect of the *Moon*, with *Saturn*

or

Swallow 1664.

or *Venus*, in cold signes; as *Virgo*, *Capricorn*, *Taurus*, *Scorpio*, *Pisces*, or *Cancer*.

In the end of *April*, or beginning of *May*, set and sow tender herbs and seeds in your gardens, in a good temperature of aire.

If you mean to preserve flowers or seeds gather them in a full moon; let the sun shine first upon them, and they will keep the better. But let them not be dried in the sun, lest the sun draw away part of their virtue.

Remove young trees either in the end of *October*, *November*, or *February*, the moon increasing: and be sure to set that side south which was south before; because it cannot endure the cold north.

Shear sheep the moon increasing, and their fleeces will grow the better again. The like observe for cutting of hair, the moon in *Taurus*, *Scorpio*, or *Libra*.

Geld cattell the moon in *Aries*, *Sagittarius*, *Capricorn*, being in her last quarter.

Gather all fruits that you mean to keep, in a dry time when the moon is at the full.

Sow all such seeds as have round roots (as onions, leeks, turneps, &c.) either three or four dayes before the full, or three or four dayes after the full.

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Of many and fundry Fairs in *England*, as they have heretofore been set forth by others, and are now continued for the common good.

January

THe 5 day at Hicketford in Lancashire: the 6 day at Salisbury: the Thursday after at Banbury: the 25 at Gravesend, Bristol, Churchingford, Northallerton in Yorksh. every Wednesday from Christmas untill June.

February.

The first day at Bromly in Lancashire: the 2 day at Reading in Barksh. Maidstone, Bicklesworth, Becklesfield, Bath, Lin, Bugworth: the 3 day at Brogrove: on Valentines day at Owndle in Northamptonshire, Feversham: the 24 day at Henly upon Thames, Baldock: on Ashwednesday at Royston, Dunstable, Eaton, Tamworth, Tunbridge, Lichfield, Exceter, Ciceter: the first Thursday in Lent at Banbury.

March.

The 3 day at Bromwel-braks in Norfolk: the 4 at Bedford: the 11 at Alsome in Norfolk, Sudbury, Woburn: the 13 at Wye, Bodwin in Cornwall: the 20 at Durham: the Monday before our Lady-day at Kendal, Wisbich: the 25 day at Huntington, Northampton, Malden, Ashwel in Hartfordshire, Newcastle: Midlent at Saffron-Walden in Essex: Goodfriday at Norwich: Palm Sunday-eve at Wisbich, Worcester, Pomfret.

April.

Easter-monday at Oney in Bedfordsh. Gainsborough:
Easter-tuesday at Daintry in Northamptonsh. Godmon-
chester,

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chester, Schole in Norfolk, S. Edmonds-bury: on Wednesday at Wellingborough in Northamptonsh. on Friday in the same week at Darby: on Saturday at Bicklefworth: the 2 at Hitchen, Rochford, Northfleet: the 7 at Darby: the 9 at Billingsworth, Bicklefworth: the 12 at Stabford: the 23 at Ipswich, Harbin in Norfolk, Northampton, Sapfar in Hartfordsh. Charing, Hinningham, Tamworth, Bury in Lancashire, S. Pombs in Cornwall: the 27 at Dunmow in Essex, Oakham in Rutlandshire, Buckingham, Darby: the 29 at Tenderden in Kent, Cleet: the 30 at Beverly a week together.

May.

The first day at Haveril in Essex, Layton-buzzard in Huntingtongsh. Rippon in Yorksh. Reading, Maidstone, Tuxford in the clay: the 3 at Elstow in Bedfordsh. Non-eaton in Warwicksh. Thedford in Norfolk, Chelmsford in Essex, Waltham-Abby, Hinningham, Rochdale, Bramyard: the 7 at Newton in Lancashire, Beverly, Oxford: the 10 at Rochester, Dunstable, Magfield in Suffolk: on Rogation-monday at Reach: on Ascension-day at Thaxted, Beverly, Rippon, Sudminster, Bishopsstratford, S. Eedes, Wickam in Lancashire, Middlewich in Chesh. Chappel-frith in Darbyshire: on Whitfun-even at Skipton in Craven: on Whitfun-monday at S. Ives, Rygate in Surrey, Bicklefworth, Bradford, Agmunsham in Buckinghamsh: on Whitfun-tuesday at Newmarket: on Wednesday at Royston: on Thursday at Owndle in Northamptonshire: the 26 day at Lenham: the 29 at Crainbrook.

June.

On Trinity-eve at Rowel, Kendal: on Corpus Christi at Banbury, Bishopsstratford, S. Eedes, Coventry, Newbury: the 9 at Maidstone: the 11 at Breme in Norfolk, Bardfield in Essex: the 17 at Hadstock: the 23 at S. Albans,

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S. Albans, Deerham in Norfolk, Shrewsbury: the 24 at Halson in Suffolk, Barnwel beside Cambridge, Bedford, Colchester, Rumford, Reading, Windsor, Halifax, Hartford, Beverly, Hallingden: the 26 at Bristol, Darby: the 27 at Burton on Trent, Folfstone: the 28 at S. Pombs in Cornwal: the 29 at Peterborough, Ashwell, Sudbury, Stebbing, in Essex, Benington in Hartfordshire.

July.

The 1, 2, and 3 days at Conglestone in Chesh. the 7 at Royston, Burntwood: the Monday after at Fodringham: the 11 at Partney for horses: the 20 at Uxbridge, Coolidge, Woodstock, Barkway: the 22 at Ickleton, Bicklesworth, Norwich, Colchester: the 25 at Audlyend beside Walden, Reading.

August.

The first day at Bedford, S. Eedes, Dunstable, Feverham, Wisbich, Bicklesworth, Stonilstratford: the 20 at Blackmore, Harply in Norfolk, Thaxted in Essex, St. Ives, Bedford, Banbury, Farnham, Brainford: the 15 at Cambridge, Huntington, Dunmow, Luton, Northampton: the 24 at London, Sudbury, Norwich, Oxford, Northalerton, Dover, Beggars-bush, Burton: the 29 at Halson in Suffolk, Harlow-bush in Essex, Watford.

September.

The first day at S. Giles in the bush: on Thursday & Friday next before the 8 day, at Sandbach in Chesh the 7, 8, and 10 days at Woodbury-hill in Dorsetsh. the 7 at Ware: the 8 at Huntingon, Bury in Lancash, Partney, Wakefield, Northampton, and Sturbridge fair belonging to Cambridge begins: the 14 at Rippon for horses, Waltham-Abbey, Chesterfield in Darbshire, Richmond: the 21 day at Marleborough, Bedford, Baldoc, S. Edmondsbury, Holden in Holdernefs, Braintry, Bracklymaiden,

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lymalden, Malden. the 29 at S. Ives, Basingstoke, Market-deeping, Shelford in Bedfordshire, Bishopstratford, Malden for horses, Stow in Lincolnshire; Thursday after at Banbury.

October.

The second at Salisbury: the 6 at Havent in Hampsh. Maidston, Coolidge, Gayworth by Lin, S. Faiths: the 8 at Bishopstratford, Harborough: the 9 at Gainsborough in Lincolnshire: the 13 at Windsor, Colchester, Gravesend: the 18 day at Ely, Bishopshatfield, Barnet, Banbury, Thirst, Burton on Trent: the 21 day at Saffron-Walden: the 23 at Bicklesworth: the 28 at Newmarket, Dis in Norfolk, Wakefield, Richdale in Lancashire.

November.

The first day at Chelmsford: the 2 at Epping, Kingston on Thames, Padamhaston in Suffolk: the 6 day at Newport-pond, Bedford, Hartford: the 11 at Ludden in Norfolk, Lenton in Nottinghamshire, Hempton in Norfolk, Fockingham in Lincolnshire, Bridgstock in Northamptonsh. Marleborough: the 17 at Spalding in Lincolnshire, Harlow, Lincoln, Hide, Northampton: the 19 at Horsham in Kent: the 20 at S. Edmondsbury, Ingerstone in Essex, Heath: the 23 at Sandwich: the 30 at Baldoc, Bareford, Kolingborough, Maidenhead, Warrington, Rochester.

December.

The 5 at Pluckly: the 6 at S. Eedes, Woodstock, Spalding, Norwich in Cheshire, at Exeter, Senock in Kent, Arundell, Grantham: the 7 at Sandhurst: the 8 at Northampton, Clitheral in Lancashire, Huntington Malpas in Cheshire: the 29 at Canterbury, Salisbury.

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**A Table of the Longitude and Latitude of
some notable Cities and Towns in
England, Scotland, and Wales.**

	<i>Longitude.</i>		<i>Latitude.</i>	
	<i>Degr.</i>	<i>min.</i>	<i>Degr.</i>	<i>min.</i>
B arwick	22	37	55	33
Bristol	21	43	52	52
Caermarthen	20	8	52	41
Carnarvan	20	8	53	15
Chester	21	40	53	32
Chichester	23	37	50	51
Colchester	25	25	52	0
Coventry	22	45	52	42
Cockermouth	21	26	55	7
Cambridge	24	25	52	15
St. Davids	19	13	52	17
Dover	25	44	51	10
St. Edmonds-bury	24	37	52	27
Edenborough	23	50	56	15
Exeter	21	42	50	50
Flamborough	26	10	54	10
Gloucester	22	11	52	10
Hereford	25	43	52	32
Lancaster	21	55	54	32
L O N D O N	24	20	51	32
Ludlow	21	46	52	43
Lyzard point	19	25	50	10
Manchester	22	0	53	42
Norwich	25	36	52	45
Oxford	23	26	51	47
Peterborough	24	0	52	40
Quinborough	25	10	51	32
Rye	25	10	51	0
Shrewsbury	21	47	53	0
South-hampton	22	52	50	10
Tinmouth	24	20	55	10
Walsingham	25	13	52	54
Worcester	23	12	52	30
Yarmouth	26	0	52	46
Y ork	23	30	54	30

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Here followeth the time of Sun-setting, and length of the day, in our latitude of Cambridge.

January.

Dayes	The sun setteth.		Length of the day.	
1	54	3	7 hou. 48	
3	57	3	7 hou. 54	
5	59	3	7 hou. 49	
7	1	4	8 hou. 8	
9	4	4	8 hou. 8	
11	6	4	8 hou. 12	
13	9	4	8 hou. 18	
15	13	4	8 hou. 26	minutes
17	16	4	8 hou. 32	
19	10	4	8 hou. 40	
21	14	4	8 hou. 48	
23	27	4	8 hou. 54	
25	31	4	9 hou. 2	
27	39	4	9 hou. 12	
29	40	4	9 hou. 20	

February.

Dayes	The sun setteth.		Length of the day.	
1	45	4	9 hou. 30	
3	49	4	9 hou. 38	
5	52	4	9 hou. 44	
7	56	4	9 hou. 52	
9	35		10 ho. just	
11	4	5	10 hou. 8	
12	8	5	10 hou. 16	minutes
15	12	5	10 hou. 24	
17	16	5	10 hou. 32	
19	20	5	10 hou. 40	
21	24	5	10 hou. 48	
23	28	5	10 hou. 56	
25	32	5	11 hou. 4	
27	37		11 ho. 14	

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March.

Swallow 1864.

March.

Days	The sun setteth.		Length of the day.
1	40	5	11 hou. 20
3	44	5	11 hou. 28
5	48	5	11 hou. 36
7	53	5	11 hou. 46
9	57	5	11 hou. 54
11	2	6	12 hou. 4
13	6	6	12 hou. 12
15	10	6	12 hou. 20
17	14	6	12 hou. 28
19	18	6	12 hou. 36
21	22	6	12 hou. 44
23	26	6	12 hou. 52
25	30	6	13 ho. just
27	35	6	13 hou. 10
29	36	6	13 hou. 18

April.

Days	The sun setteth.		Length of the day.
1	43	6	13 hou. 26
3	46	6	13 hou. 32
5	50	6	13 hou. 40
7	54	6	13 hou. 48
9	58	6	13 hou. 56
11	1	7	14 hou. 2
13	5	7	14 hou. 10
15	9	7	14 hou. 18
17	12	7	14 hou. 24
19	16	7	14 hou. 32
21	19	7	14 hou. 38
23	23	7	14 hou. 46
25	27	7	14 hou. 54
27	31	7	15 hou. 2
29	35	7	15 hou. 10

May.

Swallow 1664.

May.

Dayes	The sun setteth.		Length of the day
1	39	7	15 hou. 18
3	42	7	15 hou. 24
5	44	7	15 hou. 28
7	47	7	15 hou. 34
9	50	7	15 hou. 40
11	52	7	15 hou. 44
13	55	7	15 hou. 50
15	57	7	15 hou. 54
17	at 8		16 ho. juft
19	2	8	16 hou. 4
21	5	8	16 hou. 10
23	7	8	16 hou. 14
25	9	8	16 hou. 18
27	11	8	16 hou. 24
29	13	8	16 hou. 26

June.

Dayes	The sun setteth.		Length of the day.
1	14	8	16 hou. 28
3	15	8	16 hou. 30
5	16	8	16 hou. 31
7	17	8	16 hou. 33
9	17	8	16 hou. 34
11	17	8	longest day
13	17	8	16 hou. 34
15	16	8	16 hou. 32
17	16	8	16 hou. 31
19	15	8	16 hou. 30
21	14	8	16 hou. 28
23	13	8	16 hou. 26
25	12	8	16 hou. 24
27	10	8	16 hou. 20
29	9	8	16 hou. 18

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July.

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July.

Days	The sun setteth.		Length of the day.
1	8	8	16 hou. 16
3	6	8	16 hou. 12
5	4	8	16 hou. 8
7	1	8	16 hou. 2
9	59	7	15 hou. 55
11	56	7	15 hou. 52
13	54	7	15 hou. 48
15	52	7	15 hou. 44
17	49	7	15 hou. 38
19	46	7	15 hou. 32
21	43	7	15 hou. 26
23	40	7	15 hou. 20
25	36	7	15 hou. 12
27	33	7	15 hou. 6
29	30	7	15 ho. just

August.

Days	The sun setteth.		Length of the day.
1	24	7	14 hou. 48
3	20	7	14 hou. 40
5	16	7	14 hou. 32
7	12	7	14 hou. 24
9	9	7	14 hou. 18
11	5	7	14 hou. 10
13	1	7	14 hou. 2
15	58	6	13 hou. 56
17	54	6	13 hou. 48
19	50	6	13 hou. 40
21	46	6	13 hou. 32
23	42	6	13 hou. 24
25	38	6	13 hou. 16
27	34	6	13 hou. 8
29	30	6	13 ho. just

September.

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September.

Dayes	The sun setteth.		Length of the day
1	24	6	12 hou. 48
3	20	6	12 hou. 40
5	16	6	12 hou. 32
7	12	6	12 hou. 24
9	8	6	12 hou. 16
11	4	6	12 hou. 8
13	just at 6	6	12 hou. just
15	56	5	11 hou. 52
17	52	5	11 hou. 44
19	48	5	11 hou. 36
21	44	5	11 hou. 28
23	40	5	11 hou. 20
25	36	5	11 hou. 12
27	32	5	11 hou. 4
29	28	5	10 hou. 56

October.

Dayes	The sun setteth.		Length of the day
1	24	5	10 hou. 48
3	20	5	10 hou. 40
5	16	5	10 hou. 32
7	12	5	10 hou. 24
9	8	5	10 hou. 16
11	4	5	10 hou. 7
13	just at 5.	5	10 hou. just
15	56	4	9 hou. 52
17	52	4	9 hou. 44
19	49	4	9 hou. 38
21	45	4	9 hou. 30
23	41	4	9 hou. 22
25	38	4	9 hou. 16
27	34	4	9 hou. 8
29	30	4	9 hou. just

November.

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November.

Dayes	The sun setteth.		Length of the day.	
1	25	4	8 hou.	50
3	22	4	8 hou.	44
5	18	4	8 hou.	36
7	14	4	8 hou.	28
9	11	4	8 hou.	22
11	8	4	8 hou.	16
13	5	4	8 hou.	10
15	3	4	8 hou.	6
17	1	4	8 hou.	2
19	58	3	7 hou.	56
21	56	3	7 hou.	52
23	54	3	7 hou.	48
25	52	3	7 hou.	44
27	51	3	7 hou.	42
29	49	3	7 hou.	38

December.

Dayes	The sun setteth.		Length of the day.	
1	48	3	7 hou.	36
3	44	3	7 hou.	34
5	44	3	7 hou.	31
7	45	3	7 hou.	30
9	44	3	7 hou.	28
11	43	3	7 hou.	26
13	43	3	7 hou.	26
15	44	3	7 hou.	28
17	45	3	7 hou.	30
19	46	3	7 hou.	32
21	47	3	7 hou.	34
23	48	3	7 hou.	36
25	49	3	7 hou.	38
27	50	3	7 hou.	40

Note that as many min. as the sun sets after 3 | 4 | 5 | 6 | 7 | 8
 So many minutes it riseth before 9 | 8 | 7 | 6 | 5 | 4

FINIS,

1664.